SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR DETECTING EMOTION IN VOICE SIGNALS BY UTILIZING STATISTICS FOR VOICE SIGNAL PARAMETERS

ABSTRACT

A system, method and article of manufacture are provided for detecting emotion using statistics. First, a database is provided. The database has statistics including human associations of voice parameters with emotions. Next, a voice signal is received. At least one feature is extracted from the voice signal. Then the extracted voice feature is compared to the voice parameters in the database. An emotion is selected from the database based on the comparison of the extracted voice feature to the voice parameters and is then output.